

IN THE CLAIMS:

Please CANCEL claims 56-59 without prejudice or disclaimer, AMEND claims 1-3, 5, 6, 10-21, 36-48, 50, 52, 54 and 55 and ADD new claims 60-67 as follows.

1. (Currently Amended) A method, comprising:
~~obtaining at least one home address for a first node;~~
~~informing an current address of said a first node to at least one of a third node and~~
~~a content source node;~~
~~receiving at least one home address for said first node in response to the informing~~
~~of the current address;~~
~~initiating a multimedia session between said first node and said content source~~
~~node, wherein said multimedia session comprises at least two flows associated with~~
~~different home addresses, and wherein each of said at least two flows carries a separate~~
~~media stream;~~
~~providingreceiving said at least a firsttwo flows from said content source node toat~~
~~said first node; and~~
~~detecting a need to move at least one flow among said firstat least two flows from~~
~~said first node to said a second node;~~
~~informing an address of said second node and said at least one home address to at~~
~~least one of said third node and said content source node; and~~

~~transmitting at least said first flow to said second node by at least one of said third node and said content source node.~~

2. (Currently Amended) The method according to claim 1, wherein said first node and second nodes are interfaces ~~units~~ associated with a single physical electronic device.

3. (Currently Amended) The method according to claim 1, wherein said first node and second nodes are separate electronic devices.

4. (Original) The method according to claim 2, wherein said first node is served by a first access network and said second node is served by a second access network.

5. (Currently Amended) The method according to claim 4, wherein at least one of said first access network and said second access network is one of a wireless local area network, a ~~G~~general ~~P~~packet ~~R~~adio ~~S~~ervice (~~GPRS~~)-network and a ~~U~~niversal ~~M~~mobile ~~T~~elecommunications (~~UMTS~~)-network.

6. (Currently Amended) The method according to claim 1, the method further comprising:

transferring a context associated with at least said at least one first flow from said first node to said second node.

7. (Original) The method according to claim 6, wherein said transferring of the context is performed using a point-to-point radio link.

8. (Original) The method according to claim 6, wherein said transferring of the context is performed using a multi-node network.

9. (Original) The method according to claim 6, wherein a part of said context is transferred via a point-to-point link and another part of said context is transferred via a multi-node network.

10. (Currently Amended) The method according to claim 1, ~~the method further~~ comprising:

filtering ~~of~~ packets addressed to said at least one home address in at least one of said third node and said content source node based on flow labels indicated in packets.

11. (Currently Amended) The method according to claim 1, wherein said at least one of said third node and said content source node continues transmitting said at least ~~said~~one first flow to said first node while transmitting said at least ~~said~~one first flow to said second node.

12. (Currently Amended) The method according to claim 1, wherein said need to move said at least ~~said~~one first flow is detected based on a proximity of said first node and said second node.

13. (Currently Amended) The method according to claim 12, wherein said proximity of said first node and second node is detected using a point-to-point radio link.

14. (Currently Amended) The method according to claim 1, wherein said need to move said at least ~~said~~one first flow is detected by said first node.

15. (Currently Amended) The method according to claim 1, wherein said need to move said at least ~~said~~one first flow is detected by said second node.

16. (Currently Amended) The method according to claim 14, wherein said first node ~~asks~~requests permission from said second node to move said at least ~~said~~one first flow to said second node.

17. (Currently Amended) The method according to claim 15, wherein said second node ~~asks~~requests permission from said first node to get said at least ~~said~~one first flow from said first node.

18. (Currently Amended) The method according to claim 1, further comprising:

~~wherein said informing, by said second node, of the~~an address of said second node and said at least one home address to said third node ~~is performed by said first node.~~

19. (Currently Amended) The method according to claim 1, further comprising:

~~wherein said informing, by said second node, of the~~an address of said second node and said at least one home address to said third node ~~is performed by the second node.~~

20. (Currently Amended) The method according to claim 1, ~~wherein the method further comprises~~ing:

deriving a second key from a first key shared by said first node and said third node; and

authenticating the informing of addresses from said second node to said third node using said second key.

21. (Currently Amended) The method according to claim ~~14~~, wherein said ~~communication network~~ one or more of the first and second access networks is an ~~IP~~ internet protocol network.

22-35. (Cancelled)

36. (Currently Amended) An ~~electronic device~~ apparatus, comprising:
~~address management means for obtaining at least one home address and informing the network address of said electronic device and said at least one home address to a network node~~ a processor configured to

inform a current address of said apparatus to at least one of a third node and a content source node,

retrieve at least one home address for said apparatus in response to the informing of the current address;

~~streaming~~initiate a multimedia session between said apparatus and said content source node, wherein said multimedia session comprises at least two flows associated with different home addresses, and wherein each of said at least two flows carries a separate media stream to receive said at least two flows from said content source node at said apparatus~~means for receiving at least one flow which carries a media stream;~~ and

~~detecting means for detecting a need to move at least one first flow among said at least two flows from said apparatus to a second node between said electronic device and a second electronic device.~~

37. (Currently Amended) The ~~electronic device~~apparatus according to claim 36, ~~the electronic device wherein the processor is further comprising;~~configured to transferring means for transferring a context associated with the at least one first flow from said electronic deviceapparatus to another electronic device.

38. (Currently Amended) The ~~electronic device~~apparatus according to claim 37, wherein the processor is configured to perform the transfer via~~said transferring means~~comprise a point-to-point radio link.

39. (Currently Amended) The ~~electronic device~~apparatus according to claim 36, wherein said ~~detecting processor~~ is further configured to ~~means~~ determine a proximity of said ~~electronic device~~apparatus to at least one other electronic device.

40. (Currently Amended) The ~~electronic device~~apparatus according to claim 39, wherein said processor is further configured to determine said proximity is ~~determined using a point-to-point radio link.~~

41. (Currently Amended) The ~~electronic device~~apparatus according to claim 36, wherein said ~~electronic device~~processor is further ~~comprises key derivation means and authentication means for authenticating~~configured to authenticate messages sent from said ~~address management means~~apparatus to said ~~network node~~at least one of said third node and said content source node.

42. (Currently Amended) An ~~network node~~apparatus, comprising:
a processor configured to
home address reservation meansreceive a current address of a first node to
send at least two home addresses for said first node in response to the receiving of the
current address ~~for providing a home address for at least one flow associated with an~~
~~electronic device;~~

register a mapping from said at least two home addresses to the current address of the first node.

receive at least two flows associated with a multimedia session from a content source node, wherein each of said at least two flows is addressed to a different home address among said at least two home addresses.

map said at least two home addresses to the current address of the first node.

receive a new current address for a first home address among said at least two home addresses, wherein said new current address is associated with a flow to be moved, and

register a mapping from said first home address to said new current address

~~address management means for registering a mapping from said home address and optionally a flow label to a current address of said electronic device; and~~

~~routing means for routing the at least one flow to said electronic device based on said registered mapping.~~

43. (Currently Amended) The ~~network node~~apparatus according to claim 42, wherein the processor is further comprising: filtering means for filtering configured to filter packets addressed to node home addresses based on flow labels indicated in the packets.

44. (Currently Amended) The ~~network node~~apparatus according to claim 42, wherein said ~~network node~~processor is further ~~comprises key derivation means and authentication means for authenticating~~configured to authenticate messages received by said network node from ~~an electronic device~~said first node.

45. (Currently Amended) The ~~network node~~apparatus according to claim 42, wherein said ~~network node~~apparatus is~~comprises~~ an ~~IP~~internet protocol network node.

46. (Currently Amended) A computer program embodied on a computer-readable medium, the program controlling a processor to perform a process, the process comprising~~comprising code adapted to perform the following steps when executed on a data processing system:~~

~~obtaining at least one home address for a first node from a third node;~~

~~informing a~~a current address of ~~said~~a first node to at least one of ~~said~~a third node and a content source node;

receiving at least one home address for said first node in response to the informing of the current address;

initiating a multimedia session between said first node and said content source node, wherein said multimedia session comprises at least two flows associated with

different home addresses, wherein each of said at least two flows carries a separate media stream;

receiving said at least a ~~first~~two flows from a~~said~~ content source node ~~to~~at said first node; and

detecting a need to move at least ~~said~~one first flow ~~from~~among said at least two flows from said first node to a second node;

~~informing an address of said second node and said at least one home address to at least one of said third node and said content source node; and~~

~~receiving at least said first flow in said second node from at least one of said third node and said content source node.~~

47. (Currently Amended) The computer program according to claim 46, wherein said first node and second nodes are interfaces ~~units~~ associated with a single physical electronic device.

48. (Currently Amended) The computer program according to claim 46, wherein said first node and second nodes are separate electronic devices.

49. (Original) The computer program according to claim 47, wherein said first node is served by a first access network and said second node is served by a second access network.

50. (Currently Amended) The computer program according to claim 46, ~~wherein said computer program is adapted to perform further the following step~~the process further comprising:

transferring a context associated with the at least ~~said~~one first flow from said first node to said second node.

51. (Original) The computer program according to claim 50, wherein said transferring of the context is performed using a point-to-point radio link.

52. (Currently Amended) The computer program according to claim 46, wherein said need to move the at least ~~said~~one first flow is detected based on a proximity of said first node and said second node.

53. (Original) The computer program according to claim 52, wherein said proximity of said first and second node is detected using a point-to-point radio link.

54. (Currently Amended) The computer program according to claim 46,
~~wherein said computer program is adapted to perform further the following steps~~
the process further comprising:

deriving a second key from a first key shared by said first node and at least one of
said third node and said content source node; and

authenticating the informing of addresses from said second node to at least one of
said third node and said content source node using said second key.

55. (Currently Amended) The computer program according to claim 46,
~~wherein said communication network~~one or more of the first and second access networks
is an ~~IP~~internet protocol network.

56-59. (Cancelled)

60. (New) An apparatus, comprising:
a transmitter configured to inform a current address of said apparatus to at least
one of a third node and a content source node;
a processor configured to
receive at least one home address for said apparatus in response to the
informing of the current address, and

initiate a multimedia session between said apparatus and said content source node, wherein said multimedia session comprises at least two flows associated with different home addresses, and wherein each of said at least two flows carries a separate media stream; and

a receiver configured to receive said at least two flows from said content source node at said apparatus, wherein

the processor is further configured to detect a need to move at least said first flow from said apparatus to a second node.

61. (New) The apparatus according to claim 60, wherein said apparatus and said second node are interfaces associated with a single physical electronic device.

62. (New) The apparatus according to claim 60, wherein said apparatus and said second node are separate electronic devices.

63. (New) The apparatus according to claim 61, wherein said apparatus is served by a first access network and said second node is served by a second access network.

64. (New) The apparatus according to claim 60, wherein the transmitter is further configured to transfer a context associated with said at least one first flow from said apparatus to said second node.

65. (New) The apparatus according to claim 64, wherein the transmitter is configured to transfer the context using a point-to-point radio link.

66. (New) The apparatus according to claim 60, wherein the processor is further configured to detect said need to move said at least one first flow based on a proximity of said apparatus and said second node.

67. (New) The apparatus according to claim 66, wherein the processor is configured to detect said proximity of said apparatus and said second node using a point-to-point radio link.